

THE ALBERT DOCK AND WAREHOUSE, LIVERPOOL.—This gigantic work was commenced in 1842. The water space of the dock is seven acres, 2981 yards; its area is nearly square, and its quays are surrounded with continuous ranges of warehouses, 66 feet high. The quays are 40 feet above the pile-heads, and the foundations lie 11 feet below the old dock sill. The height of the warehouses from the foundations is, therefore, 106 feet. The number of piles is about 14,000; they are made from beech trees of the very best description, and reckoning their length at 36 feet each, they would reach over 48 miles. The *Liverpool Mail* says, that "in the construction of the warehouses about 21,000,000 bricks have been laid, in 47,350 tons of mortar, of a quality which when dry is as hard as the bricks themselves. The floors of every story are of brick, turned on pillars and rafters of iron; of which metal the doors, window frames, &c., are all constructed: indeed there is not a particle of wood in the whole of these immense buildings. The quantity of iron used amounts to 10,000 tons, and the number of flooring tiles 1,130,000. The ground floor is open to the quays, and there are 45 centres, with cranes, the largest of sufficient strength to carry ten tons. The entire floor space is 115,230 yards, or about 24 acres. The roofs are of galvanized iron. The total cost, including the cut into the Canning Basin, by which it is entered, is 800,000."

DISFIGUREMENT OF TEMPLE BAR.—The west side of Temple Bar has been placarded, during the past week, with huge invitations to her Majesty's lieges to "use diamond dust" as the only means of putting an edge on blunt razors. The parties who permit this disfigurement, as they evidently want sharpening, cannot do better than avail themselves of the article in question: they must be dull blades, and want touching up.

CATHEDRAL OF CANICE, IRELAND.—Messrs. Hodges and Smith, of Dublin, announce for publication, "The Architecture, History, and Antiquities of the Cathedral Church of St. Canice," by the Rev. James Graves. This cathedral was erected about the middle of the thirteenth century, and is one of the best examples in Ireland of the early English style. The work will be sent to press when 200 names are enrolled.

NOTICES OF CONTRACTS.

[We are compelled, by the interference of the Stamp Office, to omit the names of the parties to whom tenders, &c. are to be addressed. For the convenience of our readers, however, they are entered in a book, and may be seen on application at the office of "The Builder," 2, York-street, Covent Garden.]

For the mason and brick work of the Sailors' Home, Liverpool.

For the carpenter's work of the Sailors' Home, at Liverpool.

For the plasterers' work of the Sailors' Home, Liverpool.

For the slaters', plumbers' and glaziers', and other work of the Sailors' Home, Liverpool.—Tenders will be received either for part or for the whole of the different departments of work to be done in the erection of the Sailors' Home.

For 613 square yards of good granite, required at Windsor.

For 1,760 yards of pitch-paving for the streets of Faversham.

For the building the National School-rooms at Great Chesterford.

For the iron railing to surround the proposed Church of England Cemetery at Watstone, Birmingham.

For the Kentish rag mason's work of two buildings in London—last only, at per rod, with good new scaffolding.

For the work about to be undertaken at St. Martin's Church, Leicester.

For the building of a public-house near the entrance to the Victoria Park, Hackney.

For the disposal of the lease, stock, and fixtures of an oil and colour shop at the west-end—coming in, 1864: has another concern.

For the disposal of a three-horse power high-pressure engine, with or without a boiler: also tubular and other boilers, &c.

For the supply of gas lanterns for public lights, with glass tops, for the new cast-iron gas-posts and columns in the parish of Hackney, at per lantern.

For the supply and affixing of the necessary gas-pipes and fittings to the new gas-posts and columns to be erected at Hackney, at per post and column.

For lighting certain lamps at Hackney with naphtha or essential oil of tar.

For 150 carpenters and joiners at Sheffield: 26s. to 26s. per week.

For the sale of the materials of the Half-way Public-house, Kensington-road, to be pulled down and cleared away by the purchaser.

For a dredging-machine, in perfect working order, suitable for the Thames.

For the disposal of an old-established country plumber's business—retiring.

For the erection of the new workhouse for the Hungerford Union (short extension of time).

For two or three marble masons, constant employment, near Langport.

For the disposal of the lease and general jobbing business of a plumber, decorator, &c., at the west end.

For the disposal of an ironmongery country business, established half a century.

For the mason and brick work of a vicarage-house near Merthyr Tydfil (promptly).

For the carpenter's and glazier's work of a vicarage-house near Merthyr Tydfil.

For the plumber's slaters', and other work of a vicarage-house near Merthyr Tydfil. Tenders for the whole works necessary in the erection of the vicarage-house will also be received (promptly).

For the sale of 60 marble chimney-pieces at Covent Garden.

For certain repairs and alterations in St. Mary's Church, South Bailey, Durham.

For lowering a bank, filling up a hollow, and widening a small portion of a turnpike-road at Lyddham, near Church Stoke.

For the erection of new schools with master's house, &c., at Harrold, Bedfordshire (promptly).

For the disposal of a cheap one horse-power, high pressure engine, &c., at Newington Causeway.

For the working of the Southampton Newers' steam-engine, and triple pump, including all labour, coals, oil, &c.

For a fire-brick maker to contract for the making of all kinds of fire-goods by piece, at Newcastle-on-Tyne.

For the sale of a cargo of Nos. 2 and 3 Calhouns flags and sleepers (half rubbed and natural face), also of a large quantity of Baltic and Scotch sleepers, at Newcastle-on-Tyne.

For the sale, duty free, and customs measure, at Portsmouth, of portions of a cargo of pine and elm timber, deals, and lathwood.

For the sale of yellow pine, rock elm, and spruce deals from Quebec, at Southampton Docks.

For the sale of a four-horse power, portable, high-pressure engine, with tubular boiler, &c., at Greenwich.

For the erection of the new school houses at St. John's, in Bedouline.

For the disposal of a choice cargo of timber at Douglas, Isle of Man, comprising planks, beams, boards, spars, poles, &c.

For the sale of a 24-inch cylinder steam-engine, with eight tons of boiler, &c., at Camberland.

For the execution of the Morley contract on the Leeds, Denaby, and Manchester Railway.

For the execution of the works from Skipton and Colne to Kelchley, on the Leeds and Bradford Railway: a length of sixteen miles and a half.

For the sale, together, or in lots, of a quantity of timber, consisting of oak, ash, elm, and beech, near Derby.

For the disposal of a fourteen-horse power engine, at Louth.

For the whole of the works on that part of the Aberdeen Railway from Heatherwick to the North End, a length of about four miles.

For the whole of the works on that part of the Aberdeen Railway between Water of Berrie and Redhall: a length of three miles and upwards.

For the erection of a retaining or quay wall, at or near the Bay of Quich, Greenock.

For a supply of 50,000 or more cylindrical pipe-tiles for land draining, deliverable at Johnstons, Kincardine-shire.

For the letting of an extensive field of superior fire-clay, at Gartherric, Old Monkland, Scotland.

For the lease of an excellent granite quarry in Argyllshire, near the sea.

For the sale of a quantity of mangel, crown, and middling timber, oak and pine timber, battens, deals, Welsh double slates, Arlouth pavement, and Balchallish slates—Scotland.

For the sale of a large quantity of mountain pine and larch sleepers, at Belfast, deliverable at any English port.

For the sale of valuable freehold iron-works, at Tipton, Staffordshire: engine 45-horse-power.

For the letting or sale of the Wern gas works, with the lamps, fittings, &c.

For painting the principal suite of rooms and grand staircase of the town hall at Brighton.

For the sale of a steam saw-mill, or any portion of its machinery.

COMPETITIONS.

Designs are wanted for the enclosing of St. Mary's churchyard, Southampton, and the public paths therein in a substantial, ornamental, and economical manner. Five pounds for the selected plan.

Plans, specifications, and estimates are wanted for a new vicarage house in the parish of Bradan, Isle of Man, to contain, above the basement plan, five or six bed-rooms and attics, and not to exceed 2000, when completed. The most approved plan only will be paid for.

APPROACHING SALES OF WOOD, &c.

BY AUCTION.

At or near Kilmarnock, Scotland: about 150 lots of larch and Scots fir.

At Kilpatrick, Scotland: 300 lots of larch and Scots and spruce fir forty years old.

At Upper Crinone, Cork: about 30,000 timber trees, consisting of growing larch, spruce, and beech, and about 15,000 other trees, comprising ash, elm, larch, larch, &c., all about twenty years' growth.

At Aylesbury, near the railway: 50,000 capital building bricks.

At Aberdeen: the whole works and plant of the Aberdeen Gas Light Company. Adjourned sale.

At Brick-lane, Shoreditch: in lots, the building and other materials of eighteen modern houses.

At 50, Fore-street, Cripplegate: all the building materials and fixtures of a dwelling-house, workshops, &c.

At Oatlands-park, near the South Western Railway: the building and other materials of coach-houses, stables, offices, &c.

At New Bond-street, London: the building materials of No. 47.

At Liverpool: about twenty marble chimney-pieces, table tops, &c.

At 99, Great Portland-street, London: the lease and goodwill, of an old-established and lucrative painter's, plumbers', and glaziers' business.

At Compton-street, Liverpool: two wrought-iron water tanks, one 4 feet 4 by 4 feet 10, and 3 feet 3 deep; the other 7 feet 2 by 4 feet 4, and 2 feet 3 deep. Also twelve iron columns 24 feet long, 6 inches diameter, with caps, bases, &c., and a quantity of iron smiths' hammers, tools, anvil, bricks, &c.

TO CORRESPONDENTS.

"W. S." The party having paid money on account of the extras without objecting to the claim, would have no case to rest it on. If your statement be correct, W. S. can enforce a settlement.

"J. K." Declined.

"A Poor Landlord." A covering of light sine will be the cheapest course in the end. To patch such a roof apparently badly done in the first instance is to throw away money.

"G. H." "Constant Reader." Ac. We cannot afford the time that would be required to answer their inquiries.

"Appellate Staining." In reply to correspondents, the asphaltic deep, stagnant ground on a stone, like other preparations for paint, and mixed with a little varnish, makes good work.

"Derw Tanka." A Correspondent recommends the same material. In reply to inquiry last week.

"Architectural Shadows." A continuation of Professor Davies' article will appear next week.

"W. E. S." "London Church-parks." "W. W. W." "W. T. W." next week.

Received—"R. P. R." "A. B. H. (Hackney)." "R. B." "Remarks on Architectural Character, by the Rev. J. J. Pett, M.A. Parker, Oxford." "Remarks on the Principles of Gothic Architecture, as applied to Parish Churches, by same author Parker." "London Hall Terms T. Hall," by Geometrus Richardson, Cornhill.

ADVERTISEMENTS.

INVENTORS and DEPOSITORS of WORKING MODELS and of other Specimens of the Useful Arts as well as the Vendors of the ROYAL POLYTECHNIC INSTITUTION are respectfully informed that the Directors have given their anxious consideration to the new appointment of Demonstrator in Mechanics, whose duty will be to explain to the Visitors the principles and uses of the above Specimens with clearness and simplicity. The Lectures now comprise the Electric Telegraph, as well as other objects of present interest. The beautiful Optical Instruments, Ac. Ac.—Admission, 1s. School, Half-price.

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